



SEPTEMBER, 97

THE GARZETTE



VOLUME 7, ISSUE 2

The President's Pen

By Ike Chapman, KE4GYM



Another great turn out for the August meeting! I counted 89 people in attendance while John Kemper, KF4MZD was giving his program on amateur radio and rocketry. Thanks to John for doing the program and bringing out some of his hardware out for us to see.

I'm sure everyone knows by now that Kaylee Farr, first harmonic or John, KD6CLO and Suzanne Farr arrived in the world on August 20th. She weighed in at 8 pounds and 2 ounces. I've talked to Suzanne and she told me that they were all doing great except that she was craving an uninterrupted eight hours of sleep. Congratulations to John and Suzanne!

Since Suzanne is going to be busy with her new duties, Susan Swiderski, KU4JV is going to taking

over as **GARS** Apparel Manager. If you would like to order any of the **GARS** apparel items get in touch with Susan and she'll get your order placed for you. Since I'm talking about Susan, before I move on, congratulations to her on the recent upgrade to Advanced Class.

During the hot summer months, we cut down on the club activities but now that the weather will be cooling down our activities will be heating up. We've got a stretch of five consecutive weekends coming up at the end of September and early October where we've got **GARS** activities scheduled. We're going to need people to volunteer to come out and help us with all of these activities and we're going to need some people to step forward to be event coordinators. So

(Continued on page 4)



by Randy Grunwell, KE4YZV

A friend asked me not long ago what VSWR really meant. I did some searching, and thought that others may like to know my findings.

Very Strong Western Radios? See what Randy has to share on page 5.

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GARS Ham Of The Month

Ray Kaplan KA9GJL

by Karl Phillips, N4JON

This was my first eyeball interview for ham of the month and proved to be a most interesting one, as I was able to share Ray's interest one on one.

Ray was born in the big apple New York City. He graduated from Junior College in

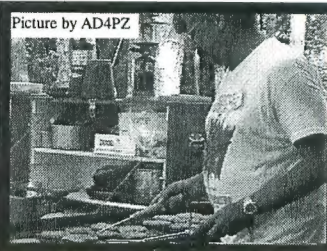
1962 and began working for Railway Express working the midnight shift. He decided that working for a living was too hard, so he went back to school, attending West Virginia University, where he earned a Bachelors Degree in Pre-Medicine. He won a scholarship, and earned his Masters Degree in Microbiology. Then after going back to school again he obtained a PHD in Medical Microbiology in 1975. He then moved to Chicago to

take a two-year course in Infectious Diseases. He then went to work for Presbyterians St. Luke's Hospital where he commuted 30 miles each way with this he got his first taste in communications to help in his commute.

He purchased two CB mobile radios and a base station for his home so he could talk to his wife while on the road. In 1978 while flipping through the CB channels, he overheard a group talking about their club meeting where over 120 families were members.

For the next couple years his radio interest waned as sunspot activity became conducive for skip communications and

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Picture by AD4PZ

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THE GARZETTE

THE GARZETTE is the official monthly organ of the Gwinnett Amateur Radio Society serving its members and other persons interested in the advancement of the amateur radio art.

Original articles, art, and photos are invited and encouraged. Previously copyrighted submissions cannot be accepted for reprinting unless permission from the appropriate publisher is provided in writing along with the information being submitted. If reprints are from publications allowing their unrestricted use, please include a copy of the printed permission contained in the publication.

If possible, submit items in ASCII text format or Microsoft Word format by email to ad4pz@aol.com or by posting a private message on the SA BBS (770) 903-6789, to Joe Biddle in the GARS conference. Use the Save Attached command and mark the security to receiver only. Art can be accepted in most any graphics format and can be submitted on an IBM formatted disk or via email as an unencoded file attachment.

Contact the editor for other format compatibility or other means of transfer.

Deadline for submissions is the first of each month.

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THE GARZETTE is created on a P5-133 MHz computer using Microsoft Publisher 97 and Microsoft Word 7.0 running Windows 95.

Thanks to Art Smith, KE4MQX for providing the printing services each month. Rita Biddle, KE4WVV gets the stamps and makes sure the newsletter gets to the post office each month.

My thanks to all of them for their help in producing THE GARZETTE.

All correspondence relating to articles posted in THE GARZETTE or for information concerning advertisement rates for THE GARZETTE should be directed to the following address:

Gwinnett Amateur Radio Society
P.O. Box 88
Lilburn, GA 30226
Attn: Newsletter Editor

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♦♦♦



ARES SkyWarn

By Lowry Rouse, KM4Z
Gwinnett Co. E.C.



Once again we've gone through another month without any major disasters happening. Even the Atlantic tropical weather has been somewhat calm except for Hurricane Danny forming a few weeks ago. There are however some tropical waves now around the Lesser Antilles islands that may develop into depressions soon. That information comes from an interesting source that Larson Watts (KF4HLH) recently told me about.

For those interested in receiving a daily report of tropical weather via e-mail, subscribe to the following address: **LISTSERV@PO.UIUC.EDU** and include the following text {sub wx-atlan Your-first-name Your-last-name} and that's it. You will receive a couple of mailings from the server confirming your address. Just follow their instructions and shortly you'll be receiving 4 to 5 reports a day on the tropical weather conditions. You can unsubscribe at any time by following the instructions at the bottom of the messages.

We now have an OES (Official Emergency Station) among our ARES group. Tom Crowell (KU4CK) received this ARRL Field Organization Appointment last month from Ga. SEC Tom Rogers (KR4OL). Tom met the criteria required by the ARRL to become an OES. In a short description requirements are, must be a full ARRL member, experienced as an ARES registrant, participation in the local ARES organization and make monthly reports on any activities that happened. Anyone interested in acquiring this appointment or any other one the ARRL has, let me know and I can obtain a description of the position and nominate you to the SEC. While we're on ARRL matters I'll mention the new SM (Section Manager) for Ga.

W4RU (ex WA4ABY) Nelson Donahue has taken over the job of being Ga.'s SM. He replaces Dot Fennell (KA4HHE) who held the position for 4 years. W4RU is an Atlantan and some of you may remember him from the ARC hamfest committee. Please **REMEMBER Saturday October 4th** as our SET (Simulated Emergency Test) day. More information will be given on the details as they develop during our Monday night information nets. A simulated emergency call will go out on the 147.075 repeater sometime on Saturday morning. Net control will give a location in the county for ARES members to meet and explain what our crisis is and what needs to be done. This will be a serious drill and will require cooperation from all ARES members. Please participate if you can.

Also mark on your calendars, **October 16th** for the advanced SKYWARN spotter's class. This will be the GARS club meeting program for Oct. If you haven't attended the beginner's class, this class will still be beneficial and informative. So don't hesitate to attend for that reason. Barry Gooden our instructor, is supposedly going to eat with us at the Great American Steak House before the meeting. Please attend and meet Barry if your schedule permits.

Thanks to all who are checking into the nets and actively supporting the Gwinnett Co. ARES/SKYWARN Emergency Communications Group. A very special thanks to GARS for their continued support of our emergency group and use of their facilities and resources.

♦♦♦

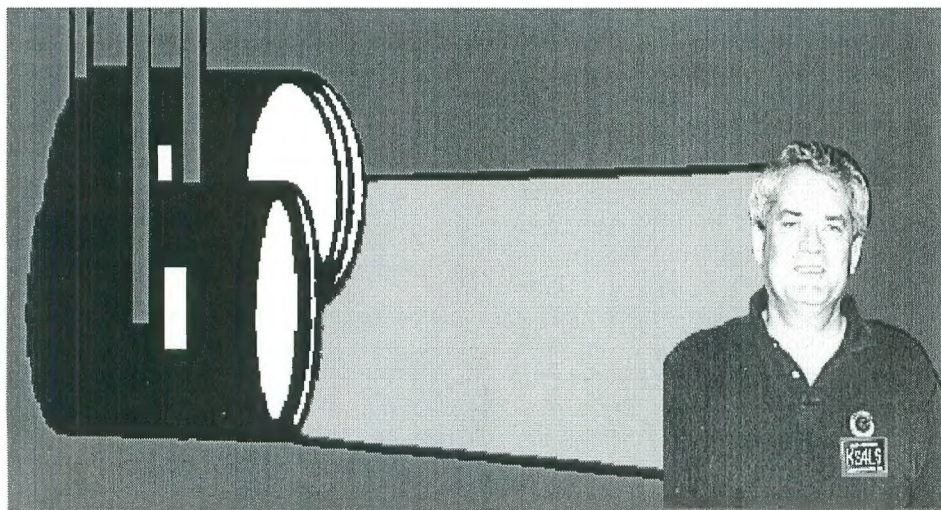
Born
into the
Farr Family
of



8 Pounds 2 ounces and 20 inches long
August 20, 1997
8:20 pm

Kay Lee Farr

After the long labor Suzanne is said to be doing well. As for John, well.....



Jack Herndon, KS4LS your Membership Chairman

I thought I'd put ol' Jack in the spotlight to remind folks of the great job Jack does for the membership. From processing new member applications and sending out their orientation packets to printing label for this publication. And now the keeper of the *GARS* Email list—he always puts forth a quality job. Jack's efforts are truly a valued asset to this
Amateur Radio Society.

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♦♦♦

...The President's Pen

(Continued from page 1)

don't be surprised if you get a phone call from me or one of the other officers asking for help.

On *September 20th*, we're going to be providing communications for the Suwanee Days parade, Kevin McClure, KF4HFN is our event coordinator. On the next weekend, *September 27th*, we'll be running a special event station at Briscoe Field with the Experimental Aircraft Association chapter for a biplane fly-in they're sponsoring. Then on *October 11th*, we're going to be operating a special event station from the Boy Scout Camporee at Sandy Creek State Park near Athens. The weekend after that is the Boy Scout Jamboree On The Air (JOTA) and we'll be running a station for that weekend too. David Adcock, KA4KKF and Rick Morris, KD4VOJ are going to be putting together the **GARS** effort for JOTA.

As I talked about at the last meeting, I wanted to get a special 1x1 callsign for the special event station at Briscoe Field. Howie Gould, W4NVF got in touch with the W5YI coordinator and has arranged for us to use W4G (We're 4 **GARS**). The callsign is assigned to Howie from September 27th through October 11th so we'll be able to use it for the Briscoe Field event and the Sandy Creek event.

Now earlier I said we have five straight weekends of activities coming up and if you've noticed the weekend of *October 4th* was not mentioned. Okay, here's the plan. Since Howie has gotten us this special callsign to use and we'll have two special event stations to work with certificates to be issued. What we'll do is print up the certificates to celebrate the 20th anniversary of **GARS** and use them for both of the special event stations. Then on the weekend of *October 4th* we'll run a special event station on the repeater so that anyone local that would like to make a contact for a 20th anniversary certification can do

so.

As I said at our last meeting, our Education Coordinator, John Veach, KE4D has stepped down because he and Libby, KB4FFO are moving from Buford to Blairsville. John told me that they will maintain their **GARS** membership but will not be as active due to the distance. I'd like to thank the both of them for their support and John in particular in keeping and extending our education programs. I asked for a volunteer to take over this position and I'm happy to say we have a new Education Coordinator. Win Jackson, N1TWX called me the other night and after a very nice phone call Win has agreed to take over as Education Coordinator. I know that he has already been in touch with the folks at Central Gwinnett about upcoming classes. If you've got any questions, ideas, suggestions, or would like to help out in our education programs, please give Win a call.

Our program for the September meeting will be a presentation by Carter Woods, KF4HLF on his trip to the Boy Scout National Jamboree and his visit to K2BSA. This will lead us right in to our activities in October with the Boy Scouts. The meeting will be on *September 18th* at our usual meeting location, see you there.

Thanks to everyone who guessed my infliction. The winner of the HRO \$25 Gift Certificate is...

Earl Whatley, KE4TXZ

Congratulations Earl and to those who may have had some trouble finding it, look on page 9 of the August GARZETTE and read under Techno Babble item "Beepilepsy".
—ED



September 20th Suwanee Day Parade Support—KF4HFN coordinator

September 27th Special Event Station at Briscoe field

October 4th Pending Special Event Station with 1x1 Call sign (W4G)

October 11th Special Event Station with the Boy Scout Camporee

GARS Electronic Mail List



If you have an EMail address and have not yet registered it with the club and wish to do so, please send a message to **Jack Hern- don, KS4LS** and request to be added to the list.

Send to: ks4ls@ix.netcom.com



Manuel
KF4RLZ

Odelio
KF4RMB

Manuel
—

These fellas including Howie, W4NVF Volunteered their time to re-roof our main repeater shack. They missed the entire GARS Picnic and in the sweltering heat, but they prevailed. GOPHER (go for)— at least for this day webster referred to W4NVF.



(Continued from page 1)

Radio energy can be thought of as traveling in waves, even when going through a wire. These waves, like their cousin light, are affected by the medium through which they pass. Using the light metaphor, a non-reflective clear piece of glass allows the light to pass with very little loss, whereas a mirror will reflect practically all the light back towards the source. Similarly, when RF is traveling along, reflections occur where the system isn't transparent at the operating frequencies. The magnitude of these reflections may be small, like the loss through a connector or a good piece of cable, or very high, as in the case of an open or short circuit. When these reflections occur, part of the power is literally reflected back to the source, reducing the signal that continues on. This reflected wave interacts with the source wave, producing a distribution of voltages along the signal path. This distribution is the standing wave; for a given topology and frequency, the pattern of voltages is repeatable and sinusoidal. The ratio of the maximum voltage of the standing wave and the minimum is the VSWR.

So now what. There's the definition, but it's as clear as mud. Let's look at one of the extreme cases. If the reflected signal is small, really small, then the standing wave that it creates is small. The smaller the reflection, the smaller the standing wave until there is no standing wave. This would correspond to a VSWR of 1:1. As the reflecting signal becomes larger, so does the VSWR until everything is reflected.

Okay, but how does VSWR affect radio operation? Each stage of a radio system talks to another. Losses within and between these stages directly affect the probability of establishing communication. Histori-

cally, one of the most sensitive and most adjusted is the antenna and its match. If you have a poor match, your VSWR increases which reflects power back to your PA while transmitting, or the air when receiving, and that reduces your communication power. A good match will allow the signals to pass along with low loss.

Does a low VSWR mean that the maximum power is being transferred? No! Just as light shining on a flat, black surface, you can have no reflected wave, and yet not pass power through either. A good radio example of this is dummy loads. These convert the power to heat, but neither reflect nor transmit their incident RF. A low VSWR is necessary for maximum power transfer, but not indicative of where that power goes.

♦♦♦

Special one by one call signs

**October 4th is the GARS
Pending Special Event Station
with 1x1 Call sign
"W4G"
(We're 4 GARS)**

**PA CLUB GETS FIRST 1X1
And the first special 1 by 1
special event call sign
has already been issued. On
August 20th, the call
W3W was coordinated at the
request of the Scranton
Pocono Amateur Radio Klub of
Scranton, Pennsylvania.
via ARRL**

Help Keep Archie Alive

From The ARRL Letter
Vol. 16, No. 32
August 15, 1997

Archie Comics have traditionally been one of the best Amateur Radio tools for use in classrooms, Scout gatherings, and other youth get-togethers. These books introduce young people to lifetime adventures they can enjoy through Amateur Radio. In many cases, these comics are the first step toward getting a license and getting on the air. But, we gave away the last ones several months ago.

We need your financial assistance to help defray the costs of replenishing our supply of these popular Amateur Radio materials. Our current goal--the cost of the minimum print run of 100,000 comics--is \$30,000. Donations towards Archie Comics will be used only for that purpose. We'll list the names of contributors making donations of \$25 or more in the front of each book. We'll give special recognition in print to clubs and others who make substantial contributions. The ARRL is a 501(c)(3) organization, and donations to the League are tax-deductible to the extent permitted by the IRS.

Please make checks or money orders payable to "ARRL--Educational Activities Fund." On the memo line, please write "Archie Comics." You may put your donation on a credit card. A donation form is on the Web, <http://www.arrl.org/> or you can call 860-594-0340. Be sure to designate "Educational Activities Fund." Our deadline to receive donations is October 31, 1997.--Dan Miller, K3UFG

WELCOME! NEW MEMBERS

Please join me in welcoming our new GARS Members:

KE4EWK	Martin (Mike) Burdine
KE4UNG	Bobby Ricchiuti
KF4HOV	David Sean Fleeman
KF4TLY	Bill Putnam
N0HSI	David Oblinger
N1TOQ	Barry Zoll
WD4ONH	W.G. (Bill) Jefferson

Regards,

Jack - KS4LS
Membership

By the way, 69 Members Signed In for the August Meeting. And Visiting with us were:(WB4YYF, KF4ORI, KF4TQV)

Random Ramblings

"Someone Once Said"

"Where...the ENIAC is equipped with 18,000 vacuum tubes and weighs 30 tons, computers in the future may have 1,000 vacuum tubes and perhaps weigh just 1-1/2 tons." -Popular Mechanics, March 1949.

And if we're real lucky we'll have a Handie Talkie that'll fit in our shirt Pocket.....yea Right!! -Ed

Happy Birthdays within GARS

by Jack
KS4LS

Herndon,



4	KE4IKC	Charles (Pat)	Kelley
4	K4RGS	Richard	Sigsworth
4	KF4HMO	John	Anderson
5		Sue (1 st Lady)	Chapman
6	KD4HPD	Lee	Flack
6	N4EW	Pete	Culwell
7	KU4CK	Thomas (Tom)	Crowell
10	KF4NBE	Thomas	Busching
10	N4SBI	Ron	Tingle
12	WA4QYY	Charles	Evans
13	KE4YZV	Randy	Grunwell
15	KT4HQ	William (Bill)	Mentzer
20	KE4EWK	Martin (Mike)	Burdine
21	KF4SBZ	Ray	Giannetta
21	AE4JY	Moe	Wheatley
25	KD6CLO	John	Farr
25	AD4UU	Dave	Livesay
27	KE4EOS	William	Grant

GARS Membership Application

P.O. Box 88, Lilburn, GA 30226

Amateur Callsign: _____ Class: _____ Expires: ____/____/____

Name: _____ Home Phone: (____) ____ - ____

Address: _____ Email: _____

City/State/Zip: _____ Date of Birth: ____/____/____

Type of Membership: ☐ Individual ☐ Family ARRL Member Y/N: _____ ARRL Lifetime Y/N: _____

Additional members for Family Memberships	Callsign	Class	Birth Date	ARRL	ARRL Life
_____	_____	_____	____/____/____	[Y][N]	[Y][N]
_____	_____	_____	____/____/____	[Y][N]	[Y][N]
_____	_____	_____	____/____/____	[Y][N]	[Y][N]

Interests: ☐-Class Instruction ☐-Field Day Operations ☐-Repeater Maintenance ☐-GARS Booth Staffing ☐-Emergency

Pittsburgh to Patuxent with a 5 watt HT!

by Kevin Berry, KF4RMA

I took my Ham Radio hobby on a recent vacation to Pittsburgh by packing my 2m HT. While there, I enjoyed using it to make some rather unusual DX contacts from a mountaintop overlooking the city.

Hams in Pittsburgh are very active and there are lots of great 2m repeaters in the area. I was reading the mail on two old men as they chewed the rag about a linked repeater system. By their account, this system allowed communications across the state of Pennsylvania, into West Virginia, Virginia and Maryland! Being rather new to Ham Radio, and not knowing much about linked systems, I joined their conversation to learn more. They were happy to share the frequency and tone for the system, as well as some operating tips with me. When I told them all I had was an HT, they cautioned me that the nearest repeater was about 35 miles away and were dubious of my chances of making it into the system.

I was staying with relatives in a Pittsburgh suburb called Sharpsburgh. Their home is at the foot of Sharps Hill, which is one of the higher points

around the city. I grabbed my brother-in-law, jumped in the car and pointed it uphill. After negotiating several switch-backs during the climb, we parked at the summit. It was a beautiful day with unrestricted visibility. The Golden Triangle lay just a few miles to our West; the top of the US Steel building, which stands 64 stories tall, was below our vantage point. I felt if I had any chance of hitting that repeater from the city, this would be the spot!

When I dialed in the receive frequency the signal from the Target Linked Repeater system came rolling in; no trouble receiving, but would 5 watts and a rubber duckie get back into it? I waited for a break in the action to interject with my call sign. "KF4RMA", I said with the xmit power on high. Subconsciously, I held the HT as high as I could while transmitting; "I'm sure that'll make all the difference!", joked my brother-in-law. "Go ahead KF4RMA, this is N3SYF, Dave in Hagerstown Maryland.", came the reply. Holy smokes, Hagerstown!, I thought to myself, that's about 250

miles as the crow flies. I responded with my name and QTH and joined a round table that included Hams in Morgantown West Virginia, Seven Springs Pennsylvania, and Youngstown Ohio! Later I QSO'd with an old man in Patuxent Maryland. He's a bit removed from the Eastern edge of the system's coverage area, but is able to get in with his 2m base station, which includes a "huge" beam on a 100 foot tower.

Talking across four states was fun, and pretty amazing with an HT. What's even more amazing is the web site maintained by the System's primary sponsors, KK3L "Kasey" Kasekamp and KE3BA Kevin Custer. Check it out at <http://www.miworld.net/~KASEY>, it's very well done and entertaining in and of itself.

There's nothing like unusual QSOs and neat technology to enhance the enjoyment of our Ham Radio hobby. Linked repeater systems are new to me and I really had a great time DXing with my HT!

Look Who's Talkin

Here are a few log entries from different hams who have had recent Radio contacts. This should show the few us with little or no experience that contacts even now at our so called sunspot low are plentiful. Check them out and give a call for CQ on a band, you never know who'll return your, "Seek You".

Compiled by Karl Phillips, N4JON

Date	Local Station	Other Station	Band	Mode
7/14/97	KD4KVY	HB9JBN	20 Meter	SSB
Comments	Armin Switzerland			
8/12/97	KD4KVY	VE2YH	6 Meter	SSB
Comments	Canada contact with 100 Watts and a 6 element beam.			
8/26/97	KN4N	YO9AFT	17 Meter	SSB
Comments	Using a Quad and 20watts.			
8/23/97	AD4PZ	OH0KMG	20 Meter	SSB
Comments	Aland Island off the southwest coast of Finland.			

...GARS Ham Of The Month

(Continued from page 1)

local chit chat became impossible.

He then attended Joliet Junior College where he took a course in ham radio. The class was taught by Dick George W9SKD. By the end of 1979, Ray received his license - KA9GJL. He did not have any equipment of his own so he mainly used other hams equipment to stay active. In 1981, he purchased a Yaesu FT101E and FR101 receiver. He still owns them, I saw them and they are in good shape.

His profession pulled him away from ham radio and he became inactive in 1993. Back in 1989, Ray moved to Atlanta and began working for Smith-Kline Beecham. While visiting HRO one day, he picked up a GARZETTE and that sparked his interest once more. He met Howie, W4NVF, and got fired up again. He began studying the code and passed his Tech Plus in 1995. He really got it going then and went on to pass his General. This was with his wife's help as she used super Morse on a PC. She would send him letters, little words, then two or three words. By the end of two weeks, at a half-hour each night, Ray passed his 13 word per minute code and got his general in July of 1996. He is currently studying for his Advanced and has set a goal for passing it by the end this year.

Ray has other hobbies to, he is into archery and practices in his yard with his compound bow and cross bow too. He and N4ZP also deer hunt together.

He also collects weapons and has a great collection of handguns, shot guns and rifles. Some of his armory is over 50 years old. He also has 44 magnum with a scope on it. He collects knives too. He claims he can shoot a prairie dog with at 400 yards with one of his rifles. *[Needless to say, I did all I could not to tic him off during this interview.]*

He and his wife are certified NAVI and PADI in scuba diving. He fishes a little too. *[Well if you can't catch them with a hook Ray, you can always shoot'em.]*

Ray has been involved in research on infectious diseases and has given

speeches in 36 states and 7 countries on the subject. He speaks conversant Spanish. He also likes boating, a little golf and bowling. Man, this guys into everything,

Ray monitors the repeater a good bit and can't wait for the sun spot cycle to upswing. He likes 10 meters and collects 10-10 numbers. He has a Kenwood TM733 rig for the house to operate 2 meters and a Cushcraft 2 meter 440 antenna and checks in the Monday night ARES net regularly. His HF rig is a Yaesu FT990, an Astron power source, a Cushcraft R7 on his roof and a MFJ Versa Tuner V. He has a TL922 Kenwood linear for the big game, but doesn't use it too much because he rips up the family TV with it. He credits, Howie W4NVF and Pickett AD4S, with helping him set up his station.

Ray is married to Karen and has two daughters. His oldest daughter lives in Indianapolis and his youngest lives at home and works for Publix. Also in the family are his two dogs—Schatzi, a German Sheepdog, and Shasta, a Collie. Karen was on our field day food committee last year. She has a bachelor's degree in math and works for Ceridian, a successful payroll company. Ray loves being a member of GARS and was instrumental in the donation of back up batteries for our repeater. He is busy with his profession, but ham radio is his first love.

Ray is a great guy and it was a pleasure to have a one on one interview with him. He is certainly a valued member of the GARS family and I look forward to our continued friendship. We ended our interview in a very unique way. I went home following our talk, and tuned up on 28.345Mhz where Ray and I finished the interview with a 10 meter QSO and will be exchanging QSL's. Pretty neat huh.

Get to know Ray, he is a very friendly guy. I'll be back again next month with another spotlight on another member of the GARS family. 73's, Karl, N4JON

Club Meeting Program Ideas

Find an appealing subject that you can request from the appropriate officer(s) to see if GARS can get such a program. I have the list in it's entirety available upon request. -Ed

Topic: Weather Observation and Hams

Comments: Ed talks about ham radio and weather observation. The Observatory is an interesting place, with a long history of contributions to the art of weather observation including the development of Radiosonde.

Topic: Amateur Satellite Communications

Comments: A very good talk on this subject. As Drew is the AM-SAT Vice-President of Publications, his talk is excellent. Drew's presentation is very polished, and is accompanied by hands-on materials, etc.

Topic: Talking with Hams in the (former) Soviet Union and Eastern Europe

Comments: Sharon describes her friendships made with ex-SU and other former Eastern Bloc amateurs. She authored a QST article on this subject. She shows lots of gifts and items that have accompanied QSL cards.

Topic: Radio Interference

Comments: Larry, a former FCC Official, gave a talk on past and present experiences in tracking down sources of radio interference.

Topic: Airplanes & Amateur Radio

Comments: Doug is an accomplished pilot and ham and explains what you can do.

August Meeting Minutes

by Bill Ahls, KE4EIH - Secretary

President Ike Chapman, KE4GYM, opened the August 21, 1997 meeting at approximately 7:30PM at the Central Baptist Church in Lawrenceville. Introductions were made by 69 members and 3 visitors. Ike informed the crowd of the news that John and Suzanne Farr are now officially the parents of a lovely new daughter.

Mark Kozma, KD3GC addressed the meeting concerning Field Day, and recognized several members for their Field Day contributions. Certificates were presented to each.

John, KF4MZD a/k/a "Rocket Man" gave a very informative presentation on Model Rocketry. He included a detailed video on a rocket flight inclusive of an ATV on board. John brought several models of different sizes as well as engines for all to see. John fielded several questions from the audience. He obviously has a lot of enthusiasm for his "other" hobby, and his talk was well-received by all.

Ike reopened the business portion of the meeting, and made a motion to approve the minutes of the July meeting. The motion was seconded and the minutes were approved as presented in the Garzette. Ike called upon Treasurer Randy Drescher, K4HS, who gave the Treasurer's Report. After appropriate motions, the Treasurer's Report was approved as presented.

Marty Fowler, KE4MLH, gave a brief synopsis of upcoming planned GARS activities - among them the Suwannee parade and upcoming Boy Scout events. He encouraged all members to help and participate as did President Ike Chapman. Ike also took a moment to recognize Susan Swinderski, KU4JV, for stepping forward to be our Apparel Manager.

By way of new business, Treasurer Randy Drescher, K4HS, surveyed the audience concerning an idea for a potential GARS fundraising raffle at some point in the future. The idea seemed to have appeal to a large majority in attendance.

Membership Committee presented 7 applicants for membership in GARS. Motions were made and seconded to accept the applicants as presented and passed without opposition. The new members of GARS are: KE4EWK, Mike Burdine; KE4UNG, Bobby Ricchiuti; KF4HOV, David Fleeman; KF4TLY, Bill Putnam; N0HSI, David Oblinger; N1TOQ, Barry Zoll; and WD4ONH, Bill Jefferson.

There being no other business, President Ike Chapman, KE4GYM, thanked all in attendance, and appropriately adjourned the meeting at 9:20PM Respectfully submitted,

Randy Drescher, Treasurer
and Acting Secretary

PROPOSED NEW SCANNER LAW

From the

AMATEUR
RADIO
NEWSLINE

If you're an amateur radio operator or perhaps just a general scanner enthusiast, a warning to listen up. New proposed legislation would drastically cut your ability to monitor radio frequencies.

The idea is to outlaw scanners from being able to monitor huge chunks of spectrum, one estimate says nearly 20% of the entire VHF/UHF scanner spectrum between 30 and 2000 MHZ.

Opponents call the bill pure poison to all radio hobbyists. Many business radio channels, trunking, itinerant channels, and even weather satellites, Civil Air Patrol and MARS would be affected.

While the new restrictions have not become law yet, opponents are urging hams, scanner enthusiasts and other radio hobbyists to contact their local representatives immediately.

More to come as this develops.

Work **GARS**

REPEATERS

2-Meter 147.075 MHz ⁺⁶⁰⁰
PL 82.5
70-cm 444.525 MHz ^{+5MHz}
PL 156.7

TELEPHONE BBS

GARS Conference in
Scientific-Atlanta BBS
(770) 903-6789

PACKET

WD4JXR/ SNELLV Packet
Node/Digipeater 145.03 MHz

SWAP, WANTED & SELL NET

Tuesdays at 8:00PM on the
GARS 2m Repeater.

MORSE CODE PRACTICE

An interactive Morse Code practice session follows the 8:00PM Tuesday night net on the **GARS** 2m repeater.

PACKET RADIO USERS NET

Thursdays at 8:00 PM on the 2m Repeater.

◆◆◆

NEW YORKER'S HAM TICKET SUSPENDED FOR 15 MONTHS

From the Amateur Radio News service

The FCC has suspended the Technician Class license of a ham in Brooklyn, New York, for causing willful or malicious interference, using obscene or indecent language and failure to identify. The licensee, Anthony Barben Jr, N2WNF, consented to a 15-month suspension which resulted from the FCC's efforts to resolve a rash of interference cases in the New York City-Long Island area. The FCC said the violations occurred in November 1996.

The FCC's Enforcement Division has requested that Barben forward his license to the Commission.

In an age of ever diminished faith in the FCC to properly administer and impose corrective measures to violators, an occasional one like above IS good to see from time to time. -Ed

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Marty Fowler, KE4MLH

Mark Justice

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- option - add modules for 440 and 6 meter
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- Built in Power Supply
- CW filter - 600 Hz
- Original manual and Shop manual
- Asking \$1100

Cheryl, AE4HN
(770) 995-5159

From the Archives of 1977

"Gwinnett amateur Radio society, Inc. has been duly incorporated on June 6, by the issuance of a Certificate of Incorporation by the Secretary of State, in accordance with the applicable provisions of the Georgia Non-Profit Code. The initial registered office of the corporation is located at 266 Valley Road, Lawrenceville, Georgia, 30245 and it's initial registered agent at such address is Ray Jones.

Look for more archives and photographs of GARS celebrating our twenty years of incorporation. If you long timers have any interesting archives you'd be willing to share with club members, please see the editor.

3850 Pleasant Hill Road
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THE GARZETTE

SEPTEMBER, 97

Gwinnett Amateur Radio Society
P.O. Box 88
Lilburn, GA 30226



GARS meets the third Thursday of each month at Central Baptist Church on Gwinnett Drive in Lawrenceville. The next meeting will be on September 18 at 7:30 P.M.

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THE GARZETTE

SEPTEMBER, 97

Metro Atlanta Test Sessions

GARS Publishes Metro Area VE/VEC Exam Schedules as a service and is not responsible for errors or changes. Call and confirm schedules before going. All sessions are walk-in. Take copies of current license and certificate of completed elements with you to all sessions.

1st Saturday - 9:00AM
George White, KN4NG 361-6850
Clayton Co. Emergency Mgmt. Bldg.
7496 N. McDonough St. - Jonesboro

2nd Tuesday - 7:00PM
Wayne Taylor, WD4CCA 498-7759
Walton EMC, 3645 Lenora Church Rd,
Snellville

2nd Saturday - 8:30AM - CA VEC
Hal Martin, K14RD - 978-9160
Stone Mountain Methodist Church
5312 West Mountain St., Stone Mtn.

3rd Saturdays - 9:00AM - CA VEC
Larry Huff, WA4CQZ - 955-3171
Marietta First United Methodist Church
56 Whitlock Ave, Room 305

4th Sunday- 2:30PM - ARRL VEC
Steve Schmidt, KR4DL - 242-6142
Episcopal Church of the Atonement
Highpoint Rd, Atlanta

4th Tuesday - 7:00PM ARRL VEC
Jessie Clower, KB4WFK - 942-6466
United Way Service Center
6279 Fairburn Road, Douglasville, GA

4th Friday - 7:00PM
GARS W5YI-VEC
Howie Gould, W4NVF 921-8362
St. John Neumann Church
801 Tom Smith Rd, off Five Forks
Trickum Rd, Lilburn
Headphones!

Metro Area Nets And Roundtables

Mon	147.21+	8:00PM	Conyers ARES Net t-162.2
Mon	145.45-	8:00PM	ARES Net (Decatur)
Mon	145.47-	8:00PM	North Fulton ARL Net
Mon	145.41-	8:30PM	MATPARC Net
Mon	3.975	8:00PM	Swap Net
Mon	147.075+	9:00PM	Gwinnett ARES Net
Tue	147.075+	8:00PM	GARS Weekly Net
Tue	147.075+	9:00PM	GARS CW Practice
Tue	145.47-	10:30PM	Insomniac Net
Wed	147.075+	8:00PM	GARS Packet Net
Wed	145.41-	8:00PM	Chapter 49, QCWA Net
Wed	146.67-	9:00PM	LARC Net
Wed	146.655-	9:00PM	BSRG Net t-188.8
Thu	146.88-	8:30PM	Kennehoochee ARC
Thu	147.225+	8:00PM	NE Ga ARC
Thu	147.15	8:00PM	simplex
Thu	145.41-	9:30PM	AMSAT
Thu	Cable57	9:30PM	Amateur Television, ATV
Fri	3.898	8:00PM	GA Traders Net
Fri	145.47-	8:00PM	NFARL Youth Net
Fri	146.76-	Midnight	Turnip Truck Net t-107.2
Sat	7.275	8:00AM	Swap Net
Sat	3.857	9:00AM	Chapter 49, QCWA Net
Sat	146.76-	Midnight	Turnip Truck Net t-107.2
Sun	146.82-	8:00PM	ARC Net
Sun	146.76-	7:00PM	Roundtable AMRC t-107.2
Sun	7.275	9:00AM	GA Traders Net
Sun	3.983	5:00PM	GA ARES
Daily	146.76-	Noon	Brown Bag Net t-107.2
Daily	146.88-	11:00PM	Late Nite Owl Net
Daily	146.79-	8:00PM	Sassafrass Mtn.
Daily	3.975	6:00PM	WX & Skywarn

This is a "living list", meaning it is constantly changing. If you know of additions or changes to it please contact the Editor.